



# Mouse (monoclonal) Anti-Human Interleukin-1 $\alpha$

## PRODUCT ANALYSIS SHEET

|                              |   |
|------------------------------|---|
| <b>Catalog Number:</b>       | AHC0912   |
| <b>Lot Number:</b>           | See product label   |
| <b>Expiration Date:</b>      | See product label   |
| <b>Clone Number:</b>         | 624B3F2   |
| <b>Quantity/Volume:</b>      | 0.5 mg/0.5 mL   |
| <b>Form of the Antibody:</b> | Purified immunoglobulin in 0.1 M phosphate buffered saline, pH 7.5, with 0.05% sodium azide (Caution: sodium azide is a poisonous and hazardous substance. Handle with care and dispose of properly.)   |
| <b>Purification:</b>         | Purified by Protein A affinity chromatography.  |
| <b>Immunogen:</b>            | Purified recombinant human IL-1 $\alpha$ .  |
| <b>Myeloma/</b>              |   |
| <b>Fusion/Partners:</b>      | BALB/c mouse splenocytes were fused with NSO mouse myeloma cells.   |
| <b>Isotype:</b>              | IgG1 kappa  |
| <b>Specificity:</b>          | Recognizes natural and recombinant human IL-1 $\alpha$ .  |
| <b>Applications:</b>         | Suitable for use in ELISA as a capture antibody. For ELISA, dilute this preparation to a concentration of to 1-5 $\mu$ g/mL in an appropriate buffer immediately prior to use, and coat each well with 100 $\mu$ L. A general ELISA procedure is available upon request. Alternatively, further dilutions may be made in medium or buffered solution with carrier protein, such as PBS with 0.1-1.0% BSA. The optimal concentration should be determined for each specific application. |
| <b>Storage:</b>              | Store at 2-8°C in aliquots for maximal stability.   |
| <b>Reference:</b>            | Nixon, C.S., M.J. Steffen, and J.L. Ebersole (2000) Cytokine responses to <i>Treponema pectinovorum</i> and <i>Treponema denticola</i> in human gingival fibroblasts. Infection and Immunity 68(9):5284-5292 (cites this antibody in ELISA).  |

Explanation of symbols

| Symbol | Description   | Symbol | Description                                  |
|--------|---|--------|--|
|        | Catalogue Number  |        | Batch code                                   |
|        | Research Use Only   |        | In vitro diagnostic medical device           |
|        | Use by  |        | Temperature limitation                       |
|        | Manufacturer  |        | European Community authorised representative |
|        | Without, does not contain   |        | With, contains                               |
|        | Protect from light  |        | Consult accompanying documents               |
|        | Directs the user to consult instructions for use (IFU), accompanying the product. |        |  |

**For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.**

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Invitrogen Corporation • 542 Flynn Rd • Camarillo • CA 93012 • Tel: 800.955.6288 • E-mail: [techsupport@invitrogen.com](mailto:techsupport@invitrogen.com)

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